

AMENDMENT UNDER 37 C.F.R. § 1.312
U.S. APPLN. NO. 09/889,881

AMENDMENTS TO THE SPECIFICATION

Page 7, delete the paragraph (table) between the second and third lines of text on page 7, and replace it with the following table:

| <i>Form</i> | <i>Origin</i> | <i>Characteristics before treatment</i> | <i>% scrap (in mass of PuO₂)</i> |
|----------------|--|---|---|
| <i>Powders</i> | End of pellet-pelletizing batch | Unsintered powder with uncontrolled particle size distribution and sinterability | 99.5% |
| | Grinding powders | Sintered powder with uncontrolled particle size distribution and sinterability | |
| | Recovery of dust | Uncontrolled PuO ₂ and impurity content and particle size distribution | |
| <i>Pellets</i> | Rejects from sorting by aspect | Sintered pellets | 0.5% |
| | Samples | | |
| | Excess production | | |
| <i>Various</i> | Chemical analyses | Nitric solutions | 0.5% |
| | Maintenance and cleaning of production equipment and/or gloveboxes | Volatile chemical impurities | |
| | | Nonvolatile chemical impurities | |

AMENDMENT UNDER 37 C.F.R. § 1.312
U.S. APPLN. NO. 09/889,881

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

A method for dry process recycling of mixed (U,Pu)O₂ oxide nuclear fuel waste, including a process for making fuel pellets of mixed (U,Pu)O₂ oxide, including a dosage and a first mixture (1) of waste in powder form and, if required, of PuO₂ and/or UO₂ powders, a micronization (2) and a forced sieving (3) of said first mixture; another dosage and a second mixture (4) of the first sieved mixture, of UO₂ powders and, if necessary, of the waste powder, ~~pelleting~~pelletizing (6) the second mixture, and sintering (7) the resulting pellets; and a process for pre-treating the waste including ~~pelleting~~pelletizing (20) and sintering (21) the powder waste to form waste pellets, and micronizing (23) the waste pellets to form the desired waste powder designed to be incorporated as waste powder, in the first (1) and/or second mixtures.